Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 30 Jan 2023 until 23:59 on Tuesday 31 Jan 2023

Forecast Issued on Monday 30 Jan 2023 at 00:47

Confidence: High for changeable conditions, but Medium for cloud and precipitation detail.

Headline for Monday 30 Jan 2023: Mainly dry and bright. Cold and windy at height.

Mountain weather hazards on Monday 30 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Fog	Cloudy
Precipitation probability					
10%	20%	10%	<05%	00%	20%

Forecast for Monday 30 Jan 2023

Weather: Mainly dry with patchy cloud and clear spells through the early hours. Bright during daylight hours and mainly dry, although scattered light showers possible through the morning.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Occasional or patchy cloud above the tops. Visibility mainly very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 30 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/30 W	21/28 W	21/29 W	18/25 W	16/24 W	21/30 W	19/28 SW
300	19/25 W	15/23 W	17/25 W	15/23 W	12/21 W	13/21 SW	14/23 SW
Valley	10/24 W	9/21 W	12/23 W	11/23 W	8/19 W	7/18 SW	8/21 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-5	2/-4	2/-3	1/-4	1/-6	1/-5
300	4/-2	4/-1	5/0	5/1	4/-0	3/-1	4/-1
Valley	4/0	4/1	6/2	6/3	4/1	3/0	4/0
Freezing Level*	600m	700m	800m	800m	800m	800m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 30 Jan 2023	5.2mm	8.2mm	8.6mm

Forecast for Tuesday 31 Jan 2023

Weather: Overnight and early morning rain clearing, then bright with occasional showers, these becoming more frequent and heavier into the evening, and wintry over the tops. Severe wind chill.

Maximum wind: West 35mph gusts 50mph.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Cloud mainly above the tops, but lowering significantly later in showers. Visibility very good briefly falling moderate in any wintry showers, and later briefly very poor in any heavier wintry showers.

Temperature: **Valleys:** Plus 4 to 8 Celsius
At 600m: Zero to Plus 2 Celsius
Freezing level: 600 to 800m, although higher overnight.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.